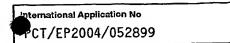
ternational Application No CT/EP2004/052899

a. CLASSIFICATION OF SUBJECT MATTER IPC 7 E21B43/02 E21B E21B43/119 E21B43/26 E21B7/00 E21B7/28 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) TPC 7 E21B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1-5,9,10US 5 386 875 A (VENDITTO JAMES J ET AL) X 7 February 1995 (1995-02-07) column 2, lines 5-11 column 4, lines 7-19 1 - 4US 2003/070805 A1 (GREBENNIKOV VALENTIN T Χ 11 - 14ET AL) 17 April 2003 (2003-04-17) paragraphs '0001!, '0015!. '0079! '0055!, 1-8 US 5 337 825 A (MARMORSTEIN ET AL) X 11 - 1416 August 1994 (1994-08-16) column 1, lines 9-15 claim 13 figures 1-4 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the\_art.which is not considered to be of particular relevance invention 'E' earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel of cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another cannot be considered to involve an inventive step when the document is combined with one or more other such documents such combination being obvious to a person skilled in the art. "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed \*&\* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 14/02/2005 28 January 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5878 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.

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Schouten, A



C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT  Relevant to claim No.								
Category °	Citation of document, with indication, where appropriate, of the relevant passages	neievaii io Galii No.						
A	DATABASE WPI Section Ch, Week 199415 Derwent Publications Ltd., London, GB; Class H01, AN 1994-125104 XP002315316 -& SU 1 031 263 A1 (N SEA GEOLOG GEOPHYS RES PRODN ASSOC) 30 December 1993 (1993-12-30) abstract; figures 3,5							
A	US 2003/168216 A1 (NICHOLSON ELIZABETH DIANE) 11 September 2003 (2003-09-11) claim 1	1						
A	US 6 283 214 B1 (PAPANASTASIOU PANOS ET AL) 4 September 2001 (2001-09-04) abstract							

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 15 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  See FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 15

Claim 15 contains a reference to the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

Information on patent family members

International Application No CT/EP2004/052899

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